

CLASS II COMPLIANCE REVIEW CHECKLIST

Company Virginia Gas Pipeline Facility Southville EH-431 Facility ID VASIX932BSMY

Inventory: Active TA 1 PA

MIT Review: Type(s) required SPT Wells overdue No

Wells Due in coming year No

Wells failing MIT requiring followup action N/A

TA Wells: Wells overdue for 2-year non-endangerment demo Yes,
well has been shut-in since September, 1997.

Wells due for non-endangerment demo in next year N/A

PA Wells: All PA wells documented for proper closure? N/A

Is facility on schedule for P&A under CAO? N/A

P&A Plan acceptable? Yes

Financial Responsibility: Mechanism used Surety Bond # 66-0130-54812-95-0 through U.S.
Fidelity & Guaranty Co., Richmond for \$90,000. Standby Trust w/ Crestar Bank
Update of F.R. required

Annual Monitoring Report: 1998 P-Max 2250

P-Max Violations None, Shut-in

Other Violations/Deficiencies N/A

Follow-up Action Necessary N/A

UICTS Update: UICTS Verified

Comments: Telephone communique on 3/5/98 indicates well not feasible
to operate. Non-endangerment demonstration due. * Submitting quarterly
monitoring reports to demonstrate non-endangerment

Reviewer J. Stephen Clark Date 9/13/99



P.O. Box 2407 • Abingdon, VA 24212 • 540-676-2380 • Fax 540-619-5230

October 8, 2001

Stephen Platt
Environmental Protection Agency, Region III
Office of Compliance and Enforcement
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

Re: Pressure Monitoring Report

Dear Mr. Platt,

From a letter dated December 15, 1999 and subsequent discussions a procedure was accepted to monitor well-head pressures of static injection Well EH-131 (UIC Permit VAS1X932BSMY) to ensure underground sources of drinking water are not endangered

The attached spreadsheet lists weekly monitored pressures for the third quarter of 2001 (July 1 through September 30, 2001).

Feel free to contact me at 1-540-676-2380 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Scott Hill". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

G. Scott Hill

Attachment

Quarterly EPA Report

EH-131 Pressure Summary

[illegible]



P.O. Box 2407 • Abingdon, VA 24212 • 540-676-2380 • Fax 540-619-5230

July 11, 2000

Stephen Platt
Environmental Protection Agency, Region III
Office of Compliance and Enforcement
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

Re: Pressure Monitoring Report

Dear Mr. Platt,

From a letter dated December 15, 1999 and subsequent discussions, a procedure was accepted to monitor well head pressures of static injection Well EH-131 (UIC Permit VAS1X932BSMY) to ensure underground sources of drinking water are not endangered.

The enclosed spreadsheet lists weekly monitored pressures for the second quarterly report of 2000 (April 1 through June 30).

If you have any questions feel free to contact me at 1-540-619-5224.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Scott Hill", written in a cursive style.

G. Scott Hill
Vice President

Enclosure

Virginia Gas Pipeline Company
Saltville Storage Facility

Report # VGPC-016B

Year: 2000

Quarter: 1st 2nd 3rd 4th

Quarterly EPA Report

EH-131 Pressure Summary

[illegible]



P.O. Box 2407 • Abingdon, VA 24212 • 540-676-2380 • Fax 540-619-5230

April 14, 2000

Stephen Platt
Environmental Protection Agency, Region III
Office of Compliance and Enforcement
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

Re: Pressure Monitoring Report

Dear Mr. Platt,

From a letter dated December 15, 1999 and subsequent discussions, a procedure was accepted to monitor well head pressures of static injection Well EH-131 (UIC Permit VAS1X932BSMY) to ensure underground sources of drinking water are not endangered.

The spreadsheet lists weekly monitored pressures for the first quarterly report (January 1 through March 31, 2000).

If you have any questions feel free to contact me at 1-540-619-5224.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Scott Hill", is written over a horizontal line.

G. Scott Hill
Vice President

Enclosure

Quarterly EPA Report

EH-131 Pressure Summary

[illegible]



P.O. Box 2407 • Abingdon, VA 24212 • 540-676-2380 • Fax 540-619-5230

December 15, 1999

Stephen Platt
Environmental Protection Agency, Region III
Office of Compliance and Enforcement
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

Dear Mr. Platt,

Enclosed you will find the Virginia Gas Pipeline Company testing proposal on Well EH-131. As discussed previously, this plan fulfills {Section 144.52 (a)(6)} of UIC Permit VAS1X932BSMY.

Feel free to call me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Scott Hill".

G. Scott Hill
Vice President

Enclosure



P.O. Box 2407 • Abingdon, VA 24212 • 540-676-2380 • Fax 540-619-5230

December 15, 1999

Stephen Platt
Environmental Protection Agency, Region III
Office of Compliance and Enforcement
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

Dear Mr. Platt,

On October 14, 1999, I received a letter from your agency concerning the UIC permit (VAS1X932BSMY) on Well EH-131. UIC Permit Regulations {Section 144.52 (a)(6)} state that following cessation of operations after 2 years, the owner shall plug and abandon the well or present procedures that prove the static injection well will not endanger underground sources of drinking water. I propose to show how wellhead pressure monitoring will meet these criteria.

*See attached schematic well diagram

Review of company drilling records and well schematic show that ground water sources were protected in seven (7) separate ways during drilling and completion:

- 1) Setting of 146' of 28" casing and **cement to surface**.
- 2) Setting of 318' of 16" casing and **cement to surface**.
- 3) Setting of 1328' of 11 3/4" casing and **cement to surface**.
- 4) Setting of 4120' of 8 5/8" casing and **cement to surface**.
- 5) Setting of 9199' of 4 1/2" casing and cement from Total depth to 4120'.
- 6) Squeeze cement 4 1/2" annulus from 1800' to 2600'.
- 7) Running 5555' of 2 7/8" tubing with setting of Halco Perma Latch Packer @ 5555'.

Aside from the (industry standard) isolation characteristics of the four (4) cemented casing strings, pressure monitoring of the 2 7/8" tubing, and the two annular spaces that are not cemented to the surface insures that fresh water zones are protected. Appropriate action will be taken in the future if data review indicates that potential migration exists.

This plan will be implemented on January 1, 2000 and pertinent data will be sent to your attention in the quarterly EPA reports.

Feel free to call me if you have any questions.

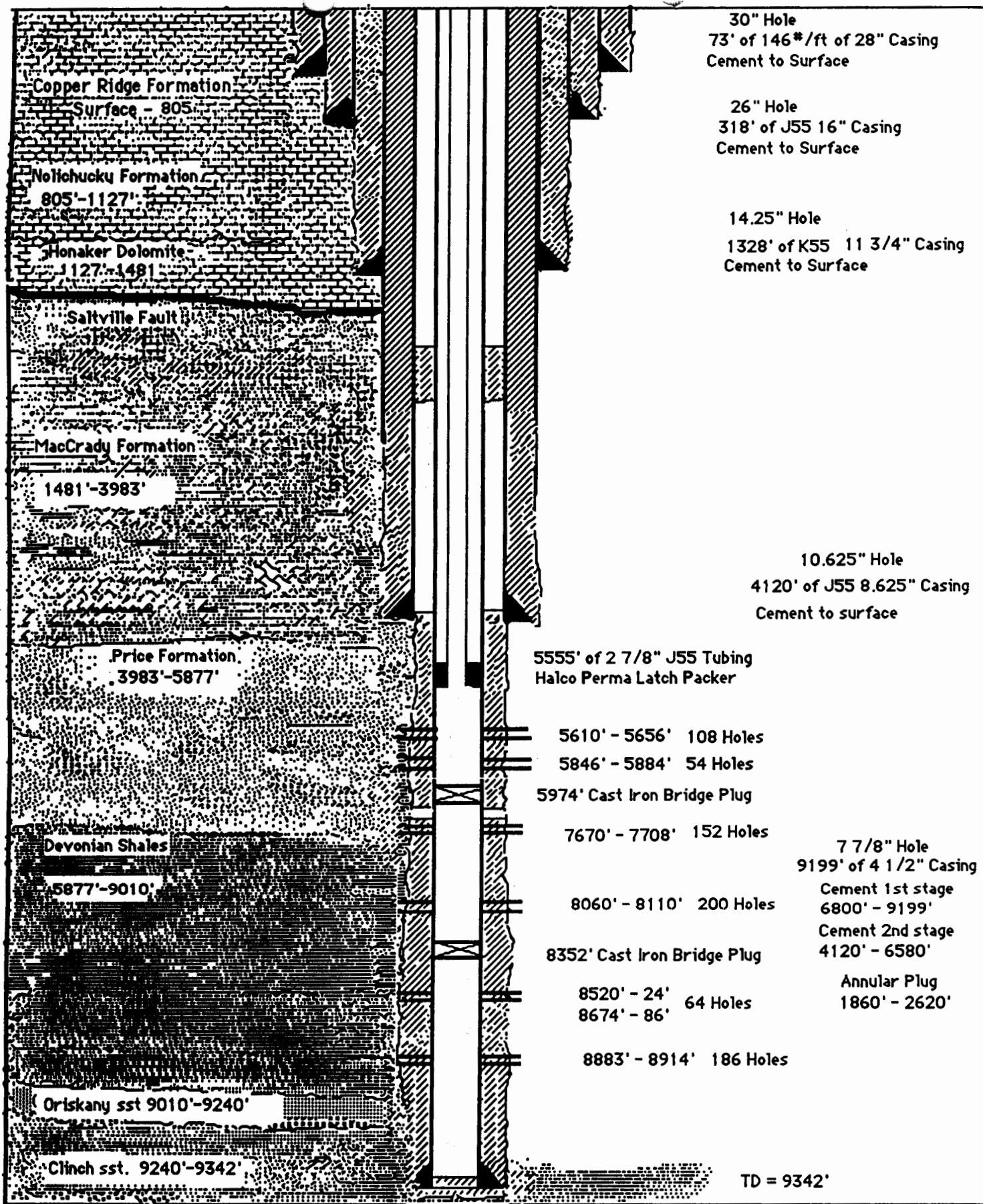
Sincerely,

A handwritten signature in black ink, appearing to read "G. Scott Hill". The signature is stylized with a large, sweeping "G" and "H".

G. Scott Hill
Vice President

Enclosure

EH-131 WELL SCHEMATIC





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

October 7, 1999

Mr. G. Scott Hill
Chief Engineer
Virginia Gas Pipeline Company
P.O. Box 2407
Abingdon, VA 24212

Dear Mr. Hill:

EPA Region III recently completed an annual file review of Virginia Gas Pipeline Company's Underground Injection Control (UIC) permit VAS1X932BSMY. This review indicated that the disposal of brine into injection well EH-131 was discontinued in September, 1997. Therefore, injection well EH-131 has now been in a temporary abandoned status for over two years.

Section 144.52 (a)(6) of the UIC regulations requires that after a cessation of operations of two years, the owner or operator shall plug and abandon the well in accordance with his approved plugging and abandonment plan, unless the owner or operator describes actions and/or procedures he plans to take to ensure that the injection well will not endanger underground sources or drinking water during the period of temporary abandonment. Typically, non-endangerment is demonstrated by conducting either a mechanical integrity test or fluid level monitoring on the well.

Withing 30 days of you receipt of this letter, please notify this office of your plans to either plug and abandon this injection well or demonstrate non-endangerment. If you decide to proceed with a non-endangerment demonstration, please indicate the procedure you plan to use

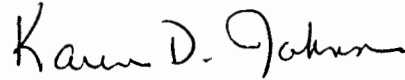
Customer Service Hotline: 1-800-438-2474

Mr. G. Scott Hill
Page 2
October 7, 1999

to conduct this demonstration. Subsequent to your decision, EPA will work with you to determine a time frame to conduct the plugging or demonstration of non-endangerment.

If you should have any questions, please give Stephen Platt of my staff a call at 215-814-5464.

Sincerely,

A handwritten signature in cursive script, appearing to read "Karen D. Johnson".

Karen D. Johnson, Chief
SDWA Branch (3WP32)
Office of Compliance and Enforcement

cc: Tom Fulmer, DMME, Division of Gas and Oil

RECORD OF COMMUNICATION

TO: Scott Hill, V.P.

DATE: 3/5/98

FROM: Tony Spano

TIME: 11:15

SUBJECT: Virginia Gas Pipeline Co.

(540) 676-2380

Summary of Communication -

Scott Hill has taken over now,
Frank Merendino has left the company.

Requested the 4TH qtr. report for
well # EH-131 being disposed well.
(due in Jan. 31ST.)

File # (540) 619-5230

- Traced last quarterly report
dated 10/13/97, and 1 blank 7520-11
form.

It was not economically feasible
to continue operating this well.
Mr. Hill to send me a letter,



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
841 Chestnut Building
Philadelphia, Pennsylvania 19107- 4431

Ms. Lydia Sinemus, Vice President
Virginia Gas Pipeline Company
P.O. Box 2407
Abingdon, VA 24212

Dear Ms. Sinemus:

EPA Region III UIC Program staff have completed their review of your completion report and accompanying attachments, submitted under EPA UIC permit VAS1X932BSMY, for injection well EH-131 located on the Saltville injection well facility.

The report submitted was acceptable. Although verbal authorization was provided to you on April 1, 1997, this letter formally authorizes you to commence injection into this well in accordance with the conditions stipulated in your permit.

If you should have any questions, please give Steve Platt of my staff a call at 215-566-5464.

Sincerely,

KDJ 4/3/97

Karen D. Johnson, Chief
SDWA Branch (3WP32)
Office of Compliance and Enforcement

cc: Tom Fulmer
DMME, Div. Of Gas and Oil



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III

841 Chestnut Building
Philadelphia, Pennsylvania 19107-4431

JUN 9 1997

Ms. Lydia Sinemus
Virginia Gas Pipeline Company
200 East Main Street
Abingdon, VA 24210

Dear Ms. Sinemus:

Per your request, enclosed are several "Annual Disposal/Injection Well Monitoring Report," forms your use.

Please feel free to contact me at (215) 566-5454 if I can assist you further.

Sincerely,

Lillie R. Ellerbe

Lillie R. Ellerbe
Permits Coordinator
Safe Drinking Water Act Branch (3WP32)
Office of Compliance and Enforcement

Enclosures





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III

841 Chestnut Building
Philadelphia, Pennsylvania 19107-4431

AUG 20 1996

Mr. Frank Merendino
Vice President
Virginia Gas Company
P.O. Box 2407
Abingdon, VA 24210

Dear Mr. Merendino:

Since the issuance of Virginia Gas Company permits VAS3G931BSMY and VAS1X932BSMY on April 29, 1996, EPA has become aware of some inconsistencies with respect to the referencing of certain conditions within the permit. We have, therefore, made some minor modifications to each of these permits in order to make them accurate. Please replace the pages in your permit with the pages we have enclosed. We have noted the changes to the enclosed pages below.

Permit VAS3G931BSMY

Page 5 - Removed condition D.11., Part I, since this permit was issued for the life of the facility and reissuance will not be necessary.

Both Permits

Page 8 - Reference to condition D.11. in condition C.4., Part II, has been changed to D.12.

Page 9 - Phone number in condition D.3., Part II, has been changed from 215-597-9928 to 215-566-5445.

Page 12 (1X) and 13 (3G) - Removed condition A.6. from Part III and made condition A.7., A.6.

Page 13 (1X) and 14 (3G) - Reference to condition D.9. in condition C.1., Part III, has been changed to D.10.

If you should have any questions, please give me a call at 215-566-5464.

Sincerely,

S. Stephen Platt
SDWA Branch (3WP32)

Enclosures

Printed on Recycled Paper



- pH
- Specific Gravity
- Specific Conductance
- Sodium
- Iron
- Magnesium
- Chloride

- Manganese
- Total Dissolved Solids
- Barium
- Hydrogen Sulfide
- Dissolved Oxygen
- TOC

4. A demonstration of mechanical integrity in accordance with 40 CFR § 146.8 shall be made at least once every five years on each well. Subsequent demonstrations shall be conducted no more than 30 days prior to the anniversary date of the initial demonstration. In addition to the above requirement, a mechanical integrity test demonstration shall be conducted whenever protective casing or tubing is removed from a well, the packer is resealed, or a well failure is evident. The permittee may continue operation only if he or she has successfully demonstrated to the Director the mechanical integrity of the permitted wells. The permittee shall cease injection operations if a loss of mechanical integrity becomes evident or if mechanical integrity cannot be demonstrated. Any such test shall be conducted in keeping with the notification requirements of Permit Condition D.12. of Part II of this permit. Results of this test shall be submitted with the first quarterly report after completion of the test.

5. Monitoring of the pressure buildup in the injection zone shall be performed annually. At a minimum, this will require the wells to be shut-in for a sufficient period of time to conduct a valid observation of the pressure fall-off curve. Results of this test shall be submitted with the first quarterly report after completion of the test.

D. Reporting and Notification Requirements.

1. Report on Permit Review. Within 30 days of receipt of this permit, the permittee shall report to the Director that he or she has read and is personally familiar with all terms and conditions of this permit.

2. Commencing Injection. The operator of a new injection well(s) may not commence injection until construction is complete, and

a. The permittee has demonstrated to EPA that the injection well(s) has/have mechanical integrity in accordance with 40 CFR § 146.8 and the permittee has received written notice from the Director that such demonstration is satisfactory;

b. The permittee has submitted notice of completion of construction (EPA Form 7520-10) to the Director; and

c. The Director has inspected or otherwise reviewed the new injection well(s) and finds it is in compliance with the conditions of the permit; or

d. The permittee has not received notice from the Director of his or her intent to inspect or otherwise review the new injection well(s) within 13 days of the date of the notice in paragraph (a) of this permit condition, in which case, prior inspection or review is waived and the permittee may commence injection.

3. Twenty-four Hour Reporting.

a. The permittee shall report to the Director any noncompliance which may endanger health or the environment. Any information shall be provided orally (phone number: (215) 566-5445) within 24 hours from the time the permittee becomes aware of the circumstances. The following shall be included as information which must be reported orally within 24 hours:

(1) Any monitoring or other information which indicates that any contaminant may cause an endangerment to an underground source of drinking water.

(2) Any noncompliance with a permit condition, or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water, or failure of mechanical integrity test demonstrations.

b. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

4. Anticipated Noncompliance. The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

5. Other Compliance. The permittee shall report all other instances of noncompliance not reported at the time monitoring reports are submitted. The reports shall contain the information listed in Permit Condition D.3., of Part II of this permit.

highlighted below. However, in all cases cemented surface casing shall be installed from the surface to a depth at least fifty feet below the lowermost underground source of drinking water, each subsequent string of casing shall be cemented back to at least 50 feet above the base of the next longest casing string and the injection zone shall be isolated by the placement of a tubing and packer inside the long string casing.

3. Logs and Tests. At a minimum the following logs and/or tests shall be conducted during the drilling and construction of each injection well: For surface casing intended to protect underground sources of drinking water: gamma ray, resistivity, and caliper prior to the casing being installed and a cement bond/variable density or temperature log after the casing is set and cemented. For intermediate and long string casings: gamma ray, resistivity, porosity and caliper prior to the casing being installed and a cement bond/variable density or temperature log after the casing is set and cemented.

The permittee shall submit a narrative report that interprets log and test results which specifically relate to the results of the cementing operation. Further, the narrative shall detail the rationale used to make these interpretations. The narrative report shall be prepared by a knowledgeable log analyst and submitted to the Director. The Director may prescribe additional logs or waive logging requirements in the future should field conditions so warrant.

4. Mechanical Integrity. Injection operations are prohibited until the permittee demonstrates that the well covered by this permit has mechanical integrity in accordance with 40 CFR § 146.8 and the permittee has received notice from the Director that such a demonstration is satisfactory in accordance with the provisions of Condition D.2. of Part II of this permit.

5. Corrective Action. Injection operations are prohibited until the permittee has successfully performed the activities detailed in the Corrective Action Plan, specified in Attachment C of the permit application and hereby incorporated.

6. Completion Reports. The results of those activities required in Part III, Section A, 1 through 5 of this permit must be summarized and submitted to the Director prior to the commencement of injection operations as part of the Completion Reports.

B. Operating Requirements

1. Injection Formation. Injection shall be limited to the Devonian Shales, Huntersville, Oriskany, Clinton and Clinch Formations in the subsurface interval below 6000 feet and above 8600 feet.

2. Injection Fluid. The permittee shall not inject any hazardous substances, as defined by 40 CFR 261 nor any other fluid, other than the brine fluid generated from the Class III solution mining process.

3. Injection Volume Limitation. The facility's injection volume shall not exceed 1800 barrels per day. The monthly average for the facility shall not exceed 960 barrels per day (or a total of 28,800 barrels per month).

4. Injection Pressure Limitation. Injection pressure, measured at the surface, shall not exceed 1590 psi. Injection at a pressure which initiates new fractures or propagates existing fractures in the injection zone or in the confining zone adjacent to the injection zone or causes the movement of injection or formation fluids into an underground source of drinking water is prohibited.

5. Injection between the outermost casing protecting underground sources of drinking water and the well bore is prohibited, as is injection into any USDW.

6. The annulus between the tubing and the long string casing shall be filled with fresh water and a corrosion inhibitor additive. A minimum positive pressure of 100 psi shall be maintained on this annulus for monitoring purposes throughout the operation.

C. Plugging and Abandonment.

1. Plugging and Abandonment. The permittee shall plug and abandon the well as provided in the approved plugging and abandonment plan in Attachment Q (EPA Form 7520-14) of the permit application, which is hereby incorporated, and in accordance with the reporting and notification provisions of Section D.10. of Part II of this permit.

2. Plugging and Abandonment shall be conducted in such a manner that movement of fluids will not be allowed into or between underground sources of drinking water.

D. Financial Responsibility

1. The permittee shall maintain continuous compliance with the requirement to maintain financial responsibility and resources to close, plug and abandon the underground injection well in the amount of at least \$15,000 per well. If the acceptability of the Surety Bond with Standby Trust Agreement should change, the permittee shall provide advance notification to the Director. The permittee shall not substitute an alternative demonstration of financial responsibility for that which the Director has approved,

U.S. EPA REGION III
MECHANICAL INTEGRITY TEST RESULT
PRESSURE TEST

COMPANY NAME VIRGINIA GAS PIPELINE CO
LEASE NAME SALTVILLE STORAGE PROJECT
FACILITY ID VASIX 932 BSMY
WELL NUMBER EH-131
DATE 3-25-97
ANNULUS OR TUBING STRING TESTED 2 7/8" x 4 1/2"
DEPTH PACKER OR BRIDGE PLUG SET 5555' HALCO PERMA LATCH PACKER
TIME 9:27 (BEGINNING) TIME 10:00 (END)
RECORDING DEVICE DEAD WEIGHT TESTER
INITIAL TEST PRESSURE 2510 psi
FINAL TEST PRESSURE 2510 psi

MULTIPLY THE INITIAL TEST PRESSURE BY .05 AND SUBTRACT FROM THE INITIAL TEST PRESSURE.

INITIAL TEST PRESSURE	<u>2510</u>
- INITIAL TEST PRESSURE X .05	- <u>126</u>
RESULT	= <u>2384</u>

THE WELL PASSES MECHANICAL INTEGRITY IF THE FINAL TEST PRESSURE EXCEEDS THE RESULT CALCULATED ABOVE

TEST RESULT: PASSED ✓ FAILED

COMMENTS: 455 psi ON 2 7/8" TUBING DURING TEST
270 psi LEFT ON ANNULUS AFTER COMPLETION OF TEST

SIGNATURE OF COMPANY REPRESENTATIVE _____

SIGNATURE OF EPA REPRESENTATIVE

David J. Rectenwald
DAVID J. RECTENWALD

Telefax Cover SheetDate 3/18/98Number of Pages (Including Cover Sheet) 3

TO:

Tony Spano
Office of Compliance & EnforcementFAX: 215 566 2302

FROM:

G Scott Hill
Virginia Gas Company
P.O. Box 2407
Abingdon, VA 24212
Fax # (540) 619-5230

REFERENCE:

Quarterly Report

200 East Main Street * Abingdon, VA 24210 * Phone (540) 676-2380



P.O. Box 2407 • Abingdon, VA 24212 • 540-676-2380 • Fax 540-676-0151

Saltville Storage Facility
PO Box K
Saltville, Va. 24370

March 17, 1998

Mr. Tony Spano
SDWA Branch 3WP32
Office of Compliance and Enforcement
841 Chestnut Street
Philadelphia, Pa. 19107

Dear Mr. Spano,

Please find enclosed the 1st Quarter Report for EH-131 brine disposal well in Saltville, VA (permit VASIX932BSMY). As discussed in our phone conversation on March 17, 1998, the use of this well for brine disposal was discontinued in September 1997 and is documented on the report. If you have any questions, please contact me at 540-676-2380 or 1-800-662-2380.

Sincerely,

A handwritten signature in cursive script, appearing to read "G. Scott Hill".

G. Scott Hill
Chief Engineer
Director of Storage & Pipeline

RECEIVED

MAR 19 1998

**SAFE DRINKING WATER ACT
BRANCH - 3WP32**



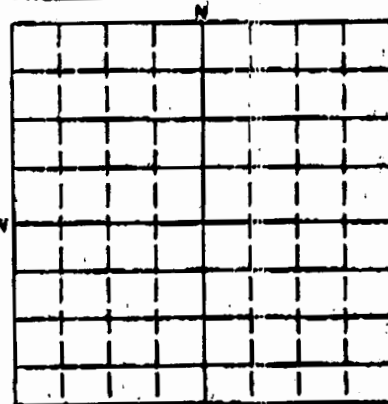
ANNUAL DISCHARGE/INJECTION WELL MONITORING REPORT

NAME AND ADDRESS OF EXISTING PERMITTEE

Virginia Gas Pipeline Company
PO Box 2407
Abingdon, Va. 24212

NAME AND ADDRESS OF SURFACE OWNER

Saltville Industrial Dev. Authority
PO Drawer L
Saltville, Va. 24370

LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT - 640 ACRESSTATE
VACOUNTY
SmythPERMIT NUMBER
VAS1X932BSMY

SURFACE LOCATION DESCRIPTION

1/4 of 1/4 of 1/4 of 1/4 of Section Township Range

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Location ft. from (N/S) Line of quarter section

Location ft. from (E/W) Line of quarter section

WELL ACTIVITY

TYPE OF PERMIT

- ☒ Brine Disposal
☐ Enhanced Recovery
☐ Hydrocarbon Storage

- ☐ Individual
☐ Area
Number of Wells

Well Name Town of Saltville Well Number EH-131

INJECTION PROGRAM

TOTAL VOLUME INJECTED

TUBING - CASING ANNULUS PRESSURE
(OPTIONAL MONITORING)

MONTH	YEAR	AVERAGE PSIG	MINIMUM PSIG	SBL	MCF	MINIMUM PSIG	MAXIMUM PSIG
-------	------	--------------	--------------	-----	-----	--------------	--------------

* The use of Well #EH-131 as a brine disposal Facility
was discontinued in September of 1997.

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)

G. Scott Hill - Chief Engineer

SIGNATURE

DATE SIGNED

March 17, 1997

Virginia Gas Pipeline Company

Saltville Storage Facility
P.O. Box K
Saltville, VA 24370

Phone: 540-496-7004
Fax: 540-496-5995

January 7, 1998

Mr. Steve Platt
SDWA Branch (3WP32)
Office of Compliance and Enforcement
841 Chestnut Street
Philadelphia, PA 19107

Dear Mr. Platt:

Please find enclosed the third quarter report for EH-131 brine disposal well in Saltville, Virginia (permit #VAS1X932BSMY).

Sincerely,



Brad Crabtree
Facility Engineer
Saltville Storage Facility

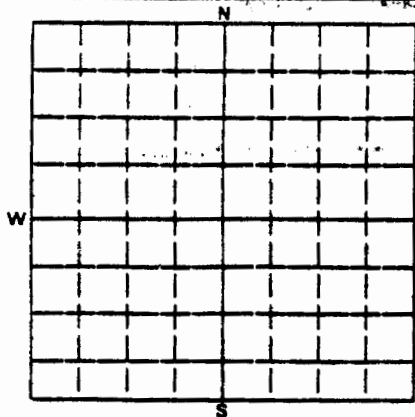
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

NAME AND ADDRESS OF EXISTING PERMITTEE

Virginia Gas Pipeline Company
P.O. Box 2407
Abingdon, VA 24212

NAME AND ADDRESS OF SURFACE OWNER

Saltville Industrial Development Authority
P.O. Drawer L
Saltville, VA 24370LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT — 640 ACRESSTATE
VACOUNTY
Smyth

PERMIT NUMBER

VAS1X932BSMY

SURFACE LOCATION DESCRIPTION

1/4 of 1/4 of 1/4 of 1/4 of Section Township Range

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface

Location ft. from (N/S) Line of quarter section

and ft. from (E/W) Line of quarter section

WELL ACTIVITY

TYPE OF PERMIT

☒ Brine Disposal☐ Individual☐ Enhanced Recovery☒ Area☐ Hydrocarbon Storage

Number of Wells 1

Lease Name Town of Saltville

Well Number EH-131

INJECTION PRESSURE

TOTAL VOLUME INJECTED

TUBING — CASING ANNULUS PRESSURE
(OPTIONAL MONITORING)

MONTH	YEAR	AVERAGE PSIG	MAXIMUM PSIG	BSL	MCF	MINIMUM PSIG	MAXIMUM PSIG
10	97	1319	1450	-0-		120	150
11	97	1130	1225	-0-		100	145
12	97	1012	1060	-0-		55	100

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)

G. Scott Hill & DIRECTOR

SIGNATURE

DATE SIGNED

1/6/98

RECEIVED

JAN 15 1998

U.S. DEPARTMENT OF JUSTICE

Virginia Gas Pipeline Company

Saltville Storage Facility
P.O. Box K
Saltville, VA 24370

Phone: 540-429-7004
Fax: 540-429-5995

October 13, 1997

Mr. Steve Platt
SDWA Branch (3WP32)
Office of Compliance and Enforcement
841 Chestnut Street
Philadelphia, PA 19107

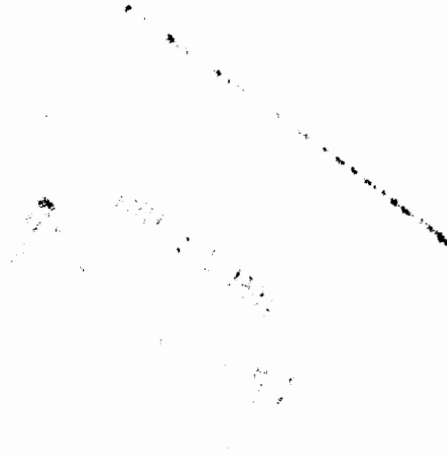
Dear Mr. Platt:

Please find enclosed the third quarter report for EH-131 brine disposal well in Saltville, Virginia (permit #VAS1X932BSMY).

Sincerely,



Brad Crabtree
Facility Engineer
Saltville Storage Facility



RECEIVED
OCT 7 1997

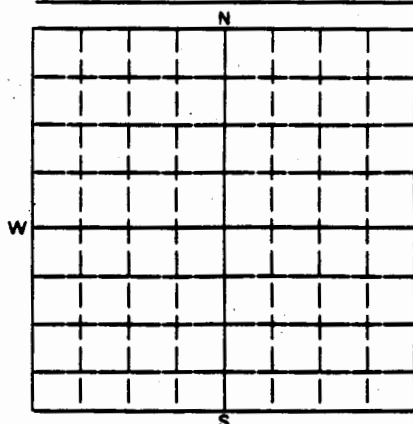
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

NAME AND ADDRESS OF EXISTING PERMITTEE

Virginia Gas Pipeline Company
P. O. Box 2407
Abingdon, VA 24212

NAME AND ADDRESS OF SURFACE OWNER

Saltville Industrial Development Authority
P. O. Drawer L
Saltville, VA 24370LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT — 640 ACRES

STATE

VA

COUNTY

Smyth

PERMIT NUMBER

VAS1X932BSMY

SURFACE LOCATION DESCRIPTION

1/4 of 1/4 of 1/4 of 1/4 of Section Township Range

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface

Location ft. from (N/S) Line of quarter section

and ft. from (E/W) Line of quarter section

WELL ACTIVITY

TYPE OF PERMIT

☒ Brine Disposal☐ Individual☐ Enhanced Recovery☒ Area☐ Hydrocarbon Storage

Number of Wells 1

Lease Name Town of Saltville

Well Number EH-131

INJECTION PRESSURE

TOTAL VOLUME INJECTED

TUBING — CASING ANNULUS PRESSURE
(OPTIONAL MONITORING)

MONTH	YEAR	AVERAGE PSIG	MAXIMUM PSIG	BSL	MCF	MINIMUM PSIG	MAXIMUM PSIG
7/97		2076	2250	1232		180	400
8/97		1852	2250	506		125	375
9/97		1636	2050	348		130	250

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)

Frank Merendino
Vice President

SIGNATURE

DATE SIGNED

10/13/97

PAPERWORK REDUCTION ACT NOTICE

Public reporting burden for this collection of information is estimated at an average of 16 hours per operator, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency 401 M Street, SW, Washington, DC 20460, and to the Office of Management and Budget, Paperwork Reduction Project, Washington, DC 20503.



P.O. Box 2407 • Abingdon, VA 24212 • 540-676-2380 • Fax 540-676-0151

July 11, 1997

Mr. Steve Platt
SDWA Branch (3WP32)
Office of Compliance and Enforcement
841 Chestnut Street
Philadelphia, PA 19107

Dear Mr. Platt:

Please find enclosed the second quarter report for the EH-131 brine disposal well in Saltville, Virginia (permit #VASIX932BSMY).

For your information, I am starting my own environmental consulting firm; therefore, today is my last day with Virginia Gas. Frank Merendino will be your primary contact from now on. Thanks for all your help; I have enjoyed working with you.

Sincerely,

A handwritten signature in cursive script that reads "Lydia Sinemus".

Lydia Sinemus
Vice President

enclosure



NAME AND ADDRESS OF EXISTING PERMITTEE

NAME AND ADDRESS OF SURFACE OWNER

LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT — 640 ACRES

COUNTY

PERMIT NUMBER

SURFACE LOCATION DESCRIPTION

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Location _____ ft. from (N/S) _____ Line of quarter section

and _____ ft. from (E/W) _____ Line of quarter section

WELL ACTIVITY

TYPE OF PERMIT

Individual

☒ Area

Number of Wells 1

Lease Name Town of Saltville Well Number EH-131

[illegible]

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

SIGNATURE

J. Mendez

DATE SIGNED

7/10/97

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